[illegible]

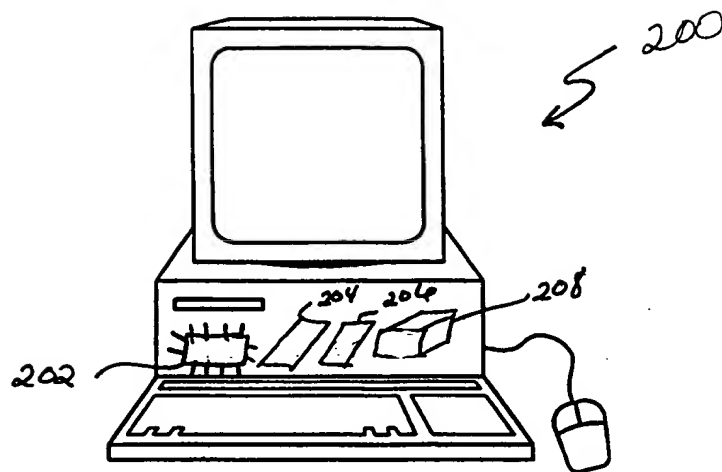
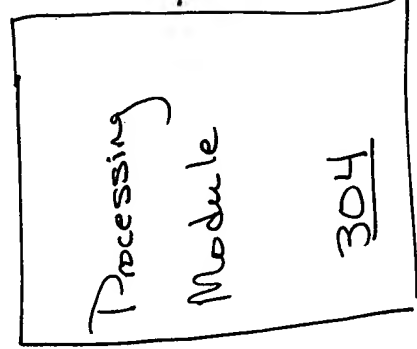


FIG. 2

302

INPUTS

- Current Recipe
- Desired State Information
- Other Knowledge
 - History Data
 - First Principles Models
 - Empirical Relations
 - Operator Heuristics



Outputs

• Advanced Recipe

FIG. 3

300

FIG. 4

Processing Modules

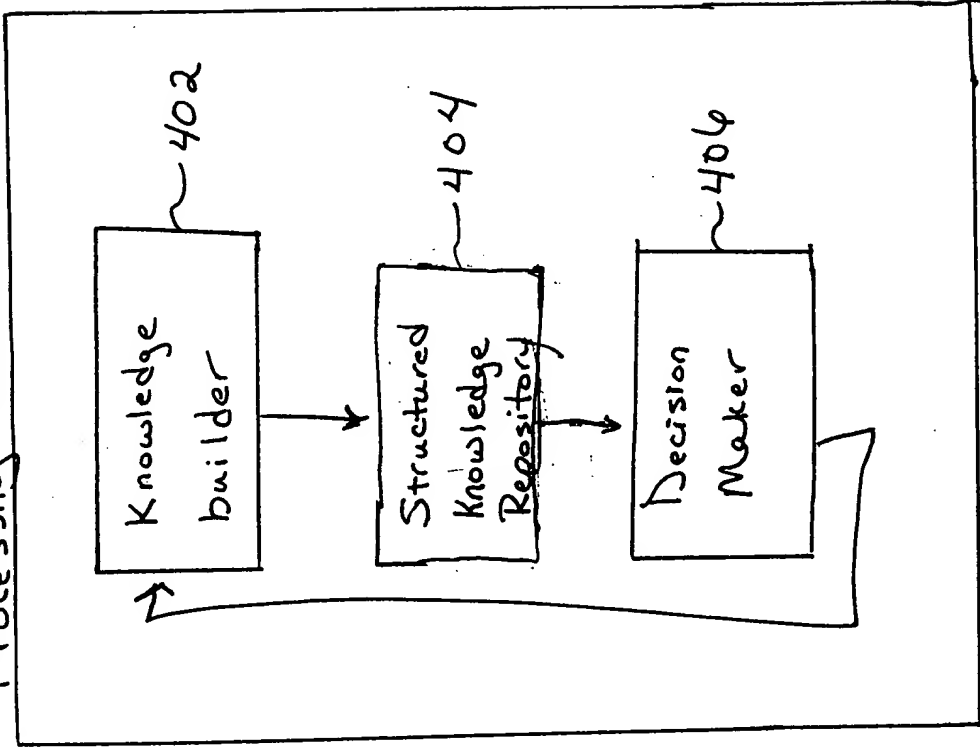


FIG. 4

Functional Purpose
Priority Measures
Purpose-Related Functions
Equipment Related Functions
Physical Equipment

FIG. 5